

ASOS MAINTENANCE NOTE 48 (for Electronics Technicians)
Engineering Division
W/OSO321: BGM

Installation Instructions for the ASOS Support Pole Insect Skirt

GENERAL

This maintenance note provides instructions for installing an insect skirt around an ASOS sensor support pole. The purpose of the insect skirt is to reduce maintenance actions caused by insect and animal intrusions into ASOS sensors. The insect skirt is designed to fit around any ASOS support pole: Light emitting diode weather indicator, visibility, and temperature dew point sensors. This maintenance note is optional and is meant to be implemented at ASOS sites where insect and animal intrusions are causing degradation of sensor operations.

PROCEDURE

The insect skirt can be ordered from the National Logistics Support Center. The corrosion preventive grease can be ordered from General Services Administration (GSA).

Description	National Stock Number (NSN)	Agency Stock Number
Insect Skirt	5340-01-464-9134	S100-2MT4MP2
Corrosion Preventive Grease	8030-00-598-5915	
Acid Brush		
5/16 Nutdriver Socket		

INSTALLATION INSTRUCTIONS

1. Place the insect skirt half-way up the sensor support pole (leaving sufficient space for mounting the calibration plate) and shape around to fit. Reference figure 1 for graphic of installation.

CAUTION

**The edges of the insect skirt are sharp.
Wear gloves when shaping the insect skirt around the support pole.**



Figure 1 Skirt Placement

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2. Place the hose clamp around the top tabs of the insect skirt and tighten to a sliding fit.
3. Bend these tabs over the hose clamp to keep skirt from slipping out.
4. Insert long tabs, along the end, into the appropriate slots from the upper-side of the skirt (see figure 2) and hard bend back or crimp over to close the skirt into a circle (see attachment A).
5. Tighten the hose clamp.
6. Use an open throw away container (paper cup etc.) to mix one part Insecta (1/10 ounce) to 10 parts of corrosion preventive grease (one ounce). This grease can be ordered from GSA, Federal Supply using NSN 8030-00-598-5915.
7. Using an acid brush, coat the underside of the insect skirt and 3-inches of the pole with the grease mixture.
8. This completes installation of the insect skirt.

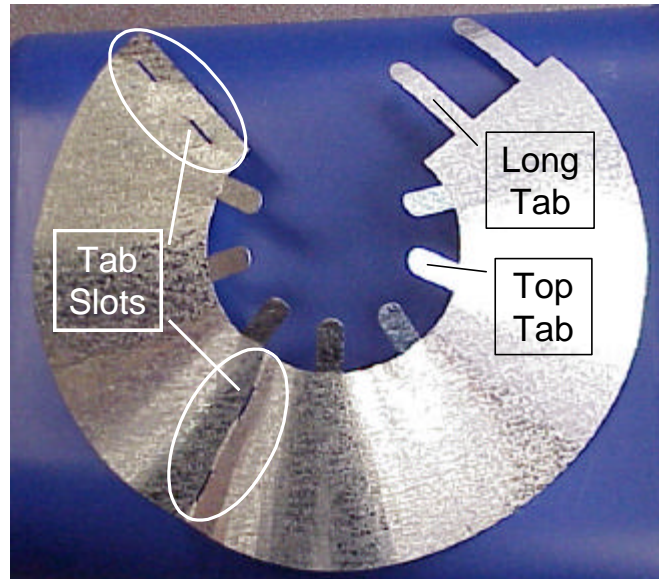


Figure 2 Top Tab and Long Tab with Slot

EFFECT ON OTHER INSTRUCTIONS

None.

REPORT MAINTENANCE ACTION

None.

Original Signed

John McNulty
Chief, Engineering Division

Attachment A - Additional Graphics of Installation

W/OSO321:B.McCormick:713-1833x120
File: K:\OSO32\OSO321\ASOS Temps\MAINT48.H11.wpd
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Attachment A
Graphics of Installation

